

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--------------------|------------------|---------|---------------------|
| S1 | 64 | ossicle near3 prosthesis | US-PGPUB; USPAT | ADJ | ON | 2008/07/30 16:12 |
| S2 | 27 | (method near3 forming) same (metal wires and ceramic) | US-PGPUB; USPAT | ADJ | ON | 2008/07/30 16:46 |
| S3 | 4 | ("20050027357" "6168625" "6387128" "6579317").PN. | US-PGPUB; USPAT | ADJ | ON | 2008/07/31 07:56 |
| S4 | 50 | ((("20070021833") or ("6398717") or ("6241767") or ("4601723") or ("6197060") or ("4554914") or ("4287616") or ("4473909") or ("4617024") or ("5370689") or ("7238202") or ("20050165481") or ("20070083263") or ("5180391") or ("6277148") or ("6368267") or ("6436028") or ("6482144") or ("6540661") or ("6554861") or ("20010037151") or ("5800558") or ("6010535") or ("6126696") or ("4535487") or ("4551863") or ("4795473") or ("5002581") or ("5201882") or ("5733122") or ("7033174") or ("20030228556") or ("4281419") or ("6390970") or ("5716360") or ("5879355") or ("6063124") or ("6402516") or ("6589284") or ("4608055") or ("5015817") or | US-PGPUB; USPAT | OR | OFF | 2008/07/31 07:56 |

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|-----|------|---|--|-----|-----|---------------------|
| | | ("5776144") or ("6190306") or ("5326372") or ("5314474") or ("5425771") or ("5456654") or ("5514177") or ("5554096") or ("6579317") or ("").pn.)). PN. | | | | |
| S5 | 12 | ("4641651" "4655776" "4921498" "5059214" "5104401" "5180391" "5554188" "5814104" "6001120" "6168625"). PN. OR ("6387128"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/07/31 08:00 |
| S6 | 8 | ("5015225" "5941814" "6168625" "6277148" "6387038" "6387128" "6398717" "6432139"). PN. OR ("6579317"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/07/31 08:01 |
| S7 | 9 | ("20020045939" "20030130734" "20040064183" "20050027357" "3473170" "3711869" "4655776" "6203571"). PN. OR ("7238202"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/07/31 08:05 |
| S8 | 295 | (623/10).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/07/31 08:11 |
| S9 | 376 | (600/25).CCLS. | US-PGPUB; USPAT | OR | OFF | 2008/07/31 08:11 |
| S11 | 659 | (a61f2/18).IPCR. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/07/31 08:12 |
| S12 | 7 | (S8 or S9 or S11) and ((ossicle or eardrum or (middle ear)) same (ball with (shaft or stem))) | US-PGPUB; USPAT | ADJ | ON | 2008/07/31 08:14 |
| S13 | 9446 | (shaft or stem) with ((many or multiple or connected) with (balls or spheres)) | US-PGPUB; USPAT | ADJ | ON | 2008/07/31 08:15 |
| S14 | 214 | S13 and (prosthesis or prosthetic) | US-PGPUB; USPAT | ADJ | ON | 2008/07/31 08:16 |
| S15 | 700 | (shaft or stem) with ((many or multiple) with (balls or spheres)) | US-PGPUB; USPAT | ADJ | ON | 2008/07/31 08:16 |

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| S16 | 30 | S15 and (prosthesis or prosthetic) | US-PGPUB; USPAT | ADJ | ON | 2008/07/31 08:16 |
| S17 | 5019 | (shaft or stem) with ((multiple or plurality) with (balls or spheres)) | US-PGPUB; USPAT | ADJ | ON | 2008/07/31 08:18 |
| S18 | 5297 | (shaft or stem) with ((multiple or plurality) with (balls or spheres or beads)) | US-PGPUB; USPAT | ADJ | ON | 2008/07/31 08:18 |
| S20 | 81 | S18 and (multiple balls) | US-PGPUB; USPAT | ADJ | ON | 2008/07/31 08:23 |
| S21 | 0 | shaft with (plurality of balls) | US-PGPUB; USPAT | ADJ | ON | 2008/07/31 08:24 |
| S22 | 346 | shaft with ((connected or joined) with ((plurality or multiple) near3 balls)) | US-PGPUB; USPAT | ADJ | ON | 2008/07/31 08:25 |
| S23 | 24 | ("4281419" "4292693" "4510627" "4597764" "4601723" "4617024" "4624672" "4740209" "4871364" "5061280" "5104401" "5180391" "5554188" "5578086" "D286909" "D286910"). PN. OR ("6168625"). URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/07/31 08:32 |
| S24 | 3 | (S11) and ((ossicle or eardrum or (middle ear)) same ((spehere or ball) with (shaft or stem))) | US-PGPUB; USPAT | ADJ | ON | 2008/07/31 09:17 |
| S25 | 10 | (S8 or S9 or S11) and ((ossicle or eardrum or (middle ear)) and (joint with (ball with (shaft or stem)))) | US-PGPUB; USPAT | ADJ | ON | 2008/07/31 10:23 |
| S26 | 12 | ((ossicle or eardrum or (middle ear)) and (joint with (ball with (shaft or stem)))) | US-PGPUB; USPAT | ADJ | ON | 2008/07/31 10:38 |
| S27 | 7 | S11 and ((ossicle or eardrum or (tympanic membrane) or (middle ear)) same (stem or shaft or bar)) and (ball with socket) | US-PGPUB; USPAT | ADJ | ON | 2008/07/31 10:43 |
| S28 | 9 | S11 and ((ossicle or eardrum or (tympanic membrane) or (middle ear)) same (stem or shaft or bar)) and (ball with socket) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2008/07/31 10:43 |

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| S29 | 98 | S11 and ((ossicle or eardrum or (tympanic membrane) or (middle ear)) same (stem or shaft or bar)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | ON | 2008/07/31 10:45 |
| S30 | 0 | ("1181907").PN. | EPO | OR | OFF | 2008/08/13 18:48 |
| S31 | 6 | ("1181907").PN. | EPO; DERWENT | OR | OFF | 2008/08/13 18:48 |
| S32 | 6 | ("1181907").PN. | DERWENT | OR | OFF | 2008/08/13 18:49 |
| S33 | 0 | ((strut) with ((recess or perforation) with oblong to long)) | US-PGPUB; USPAT | ADJ | ON | 2008/08/14 10:13 |
| S34 | 42 | ((strut) with ((recess or perforation) with (oblong or long))) | US-PGPUB; USPAT | ADJ | ON | 2008/08/14 10:15 |
| S35 | 13 | ((strut) with ((recess or perforation) with (oblong))) | US-PGPUB; USPAT | ADJ | ON | 2008/08/14 10:15 |
| S36 | 1 | ("20050267600").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/14 11:16 |
| S37 | 16507 | ((balls or spheres) with (bores or holes or apertures) with (through or across or into)) same (rod or shaft or stem or post) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/14 11:19 |
| S38 | 169 | S37 and (prosthesis or prosthetic) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/14 11:19 |
| S39 | 12 | (rod) with (balls) with (going near3 through) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/14 11:23 |
| S40 | 3 | (rod) with (balls) near3 (going near3 through) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/14 11:24 |
| S41 | 1 | (stick) with (balls) near3 (going near3 through) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/14 11:27 |
| S42 | 0 | (stick or rod) with (beads) near3 (going near3 through) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/14 11:28 |
| S43 | 381 | (stick or rod) with (beads) near3 (through) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/14 11:29 |
| S44 | 86 | (stick or rod) near3 (beads) near3 (through) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/14 11:30 |
| S45 | 628 | (pipe) near3 (beads or balls) near3 (through) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/14 11:35 |
| S46 | 542 | (pipe) near3 (balls) near3 (through) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/14 11:36 |

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| S47 | 10 | (pipe) near3 (balls) near3 ((going or inserted or extended) near3 through) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/14 11:36 |
| S48 | 297 | (623/10).OCLS. | US-PGPUB; USPAT | OR | OFF | 2008/08/14 14:31 |
| S49 | 377 | (600/25).OCLS. | US-PGPUB; USPAT | OR | OFF | 2008/08/14 14:31 |
| S50 | 664 | (a61f2/18).IPCR. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2008/08/14 14:31 |
| S51 | 24 | (S48 or S49 or S50) and (laser near3 welding) | US-PGPUB; USPAT | ADJ | ON | 2008/08/14 14:31 |
| S52 | 0 | (S48 or S49 or S50) and ((bores or perforation or hole) with (laser near3 welding)) | US-PGPUB; USPAT | ADJ | ON | 2008/08/14 14:32 |
| S53 | 918 | ((bores or perforation or hole) with (laser near3 welding)) | US-PGPUB; USPAT | ADJ | ON | 2008/08/14 14:33 |
| S54 | 36 | S53 and (prosthesis or prosthetic) | US-PGPUB; USPAT | ADJ | ON | 2008/08/14 14:34 |
| S55 | 36147 | ((bores or perforation or hole) with (laser)) | US-PGPUB; USPAT | ADJ | ON | 2008/08/14 14:35 |
| S56 | 564 | S55 and (prosthesis or prosthetic) | US-PGPUB; USPAT | ADJ | ON | 2008/08/14 14:35 |
| S57 | 5175 | ((made or produced or created) with (bores or perforation or hole) with (laser)) | US-PGPUB; USPAT | ADJ | ON | 2008/08/14 14:35 |
| S58 | 80 | S57 and (prosthesis or prosthetic) | US-PGPUB; USPAT | ADJ | ON | 2008/08/14 14:36 |
| S59 | 1 | ("20040148025").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/14 14:39 |
| S64 | 3 | ((("20050027317") or ("20056027317") or ("7204850") or ("6432139")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/19 08:20 |
| S65 | 1 | ((("20050027357") or ("20056027357")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/19 08:22 |
| S66 | 1 | "60711506" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/19 09:35 |
| S67 | 2 | ((("5149269") or ("5334026")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/19 09:39 |
| S68 | 2 | "20050267600" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/19 11:07 |
| S69 | 0 | S68 and (oblong near3 recess) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/19 11:08 |

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| S70 | 1 | ("20070048708").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/19 14:04 |
| S72 | 1 | ("6168625").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/19 14:05 |
| S73 | 1 | S72 and flexible | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/19 14:05 |
| S74 | 0 | S70 and flexible | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/19 14:07 |
| S76 | 1 | ("20050165481").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/19 18:00 |
| S77 | 0 | S76 and (frequency or mass) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/19 18:00 |
| S78 | 297 | (623/10).OCLS. | US-PGPUB; USPAT | OR | OFF | 2008/08/20 08:57 |
| S79 | 24 | S78 and ((shape near3 memory) or nitinol) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/20 08:57 |
| S80 | 1 | ("20050165481").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/08/20 08:59 |
| S81 | 0 | S80 and (hearing aid) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/20 08:59 |
| S82 | 69 | S78 and (hearing aid) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/20 09:00 |
| S83 | 6 | S82 and ((connected or attached) near3 (hearing aid)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/20 09:00 |
| S84 | 0 | S82 and (prosthesis with ((connected or attached) near3 (hearing aid))) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/20 09:01 |
| S85 | 0 | S78 and (prosthesis with ((connected or attached) near3 (hearing aid))) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2008/08/20 09:01 |
| S86 | 305 | (623/10).OCLS. | US-PGPUB; USPAT | OR | OFF | 2009/03/05 18:42 |
| S89 | 1 | S86 and (ball same strut same shaft).clm. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/03/05 18:43 |
| S90 | 1 | S86 and (ball same strut same shaft) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/03/05 18:44 |

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